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## REMARKS/ARGUMENTS

AUG 21 2006

1. In the above referenced Office Action, the Examiner rejected claims 1, 2, and 6 under 35 USC § 103 (a) as being unpatentable over Redfern (U.S. Patent Application No. 2003/0198299) in view of Isaksen (U.S. Patent No. 6,973,141); claim 3 under 35 USC § 103 (a) as being unpatentable over Redfern (U.S. Patent Application No. 2003/0198299) in view of Isaksen (U.S. Patent No. 6,973,141) in further view of Ogi (U.S. Patent Application No. 2002/0045426); claim 5 under 35 USC § 103 (a) as being unpatentable over Redfern (U.S. Patent Application No. 2003/0198299) in view of Isaksen (U.S. Patent No. 6,973,141) in further view of Kluge (U.S. Patent Application No. 2004/0086028); claims 7, 8 and 12 under 35 USC § 103 (a) as being unpatentable over Redfern (U.S. Patent Application No. 2003/0198299) in view of Isaksen (U.S. Patent No. 6,973,141) in further view of Balan (U.S. Patent Application No. 2003/0055627); claim 9 under 35 USC § 103 (a) as being unpatentable over Redfern (U.S. Patent Application No. 2003/0198299) in view of Isaksen (U.S. Patent No. 6,973,141) and Balan (U.S. Patent Application No. 2003/0055627) in further view of Ogi (U.S. Patent Application No. 2002/0045426); and claim 11 under 35 USC § 103 (a) as being unpatentable over Redfern (U.S. Patent Application No. 2003/0198299) in view of Isaksen (U.S. Patent No. 6,973,141) and Balan (U.S. Patent Application No. 2003/0055627) in further view of Kluge (U.S. Patent Application No. 2004/0086028). The Examiner has objected to claims 4 and 10 as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. The rejections and objections have been traversed and, as such, the applicant respectfully requests reconsideration of the allowability of claims 1-12.

2. Claims 1, 2, and 6 have been rejected under 35 USC § 103 (a) as being unpatentable over Redfern (U.S. Patent Application No. 2003/0198299) in view of Isaksen (U.S. Patent No. 6,973,141).

The applicant has amended claim 1 to include the limitations of at least one channel at a boundary of a frequency band contains the outbound radio frequency signals and the frequency band is adjacent to the exclusion radio frequency band. As such, the

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complex digital filter attenuates the complex time domain sample sequence within the at least one channel at the boundary of the frequency band such that signal strength of the outbound radio frequency signals in the exclusion radio frequency band is at or below a specified signal strength.

The combined teachings of Redfern and Isaksen do not teach or suggest an RF transmitter as now claimed in claim 1.

Claims 2 and 6 are dependent upon claim 1 and introduce additional patentable subject matter. The applicant believes that the reasons that distinguish claim 1 over the present rejection are applicable in distinguishing claims 2 and 6 over the same rejection.

3. Claim 3 has been rejected under 35 USC § 103 (a) as being unpatentable over Redfern (U.S. Patent Application No. 2003/0198299) in view of Isaksen (U.S. Patent No. 6,973,141) in further view of Ogi (U.S. Patent Application No. 2002/0045426).

Claim 3 is dependent upon claim 1, which has been shown to overcome the obviousness rejection in view of Redfern and Isaksen. As such, the further teachings of Ogi in combination with Redfern and Isaksen fail to render claim 3 obvious.

4. Claim 5 has been rejected under 35 USC § 103 (a) as being unpatentable over Redfern (U.S. Patent Application No. 2003/0198299) in view of Isaksen (U.S. Patent No. 6,973,141) in further view of Kluge (U.S. Patent Application No. 2004/0086028).

Claim 5 is dependent upon claim 1, which has been shown to overcome the obviousness rejection in view of Redfern and Isaksen. As such, the further teachings of Kluge in combination with Redfern and Isaksen fail to render claim 5 obvious.

5. Claims 7, 8 and 12 have been rejected under 35 USC § 103 (a) as being unpatentable over Redfern (U.S. Patent Application No. 2003/0198299) in view of

Isaksen (U.S. Patent No. 6,973,141) in further view of Balan (U.S. Patent Application No. 2003/0055627).

The applicant has amended claim 7 to include the limitations of at least one channel at a boundary of a frequency band contains the outbound radio frequency signals and the frequency band is adjacent to the exclusion radio frequency band. As such, the complex digital filter attenuates the complex time domain sample sequence within the at least one channel at the boundary of the frequency band such that signal strength of the outbound radio frequency signals in the exclusion radio frequency band is at or below a specified signal strength.

The combined teachings of Redfern, Isaksen, and Balan do not teach or suggest an RF transmitter as now claimed in claim 7.

Claims 8 and 12 are dependent upon claim 7 and introduce additional patentable subject matter. The applicant believes that the reasons that distinguish claim 7 over the present rejection are applicable in distinguishing claims 8 and 12 over the same rejection.

6. Claim 9 has been rejected under 35 USC § 103 (a) as being unpatentable over Redfern (U.S. Patent Application No. 2003/0198299) in view of Isaksen (U.S. Patent No. 6,973,141) and Balan (U.S. Patent Application No. 2003/0055627) in further view of Ogi (U.S. Patent Application No. 2002/0045426).

Claim 9 is dependent upon claim 7, which has been shown to overcome the obviousness rejection in view of Redfern, Isaksen, and Balan. As such, the further teachings of Ogi in combination with Redfern, Isaksen and Balan fail to render claim 9 obvious.

7. Claim 11 has been rejected under 35 USC § 103 (a) as being unpatentable over Redfern (U.S. Patent Application No. 2003/0198299) in view of Isaksen (U.S. Patent No.

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6,973,141) and Balan (U.S. Patent Application No. 2003/0055627) in further view of Kluge (U.S. Patent Application No. 2004/0086028).

Claim 11 is dependent upon claim 7, which has been shown to overcome the obviousness rejection in view of Redfern, Isaksen, and Balan. As such, the further teachings of Kluge in combination with Redfern, Isaksen and Balan fail to render claim 11 obvious.

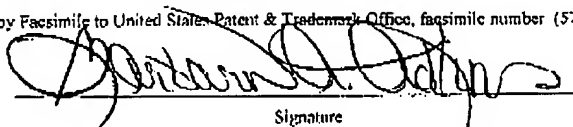
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For the foregoing reasons, the applicant believes that claims 1-12 are in condition for allowance and respectfully request that they be passed to allowance.

The Examiner is invited to contact the undersigned by telephone or facsimile if the Examiner believes that such a communication would advance the prosecution of the present invention.

RESPECTFULLY SUBMITTED,

By: /Timothy W. Markison reg. 33,534/  
Timothy W. Markison  
Phone: (808) 665-1725  
Fax No. (808) 665-1728

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